

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION

WIN-1824

Effective Date: November 1, 2013

Reevaluation Date: **January 2017**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

**Builders Vinyl (V-2500) Tilt Single Hung Windows Three Wide with Picture, Non-impact Resistant,**  
manufactured by

**JELD-WEN Windows & Doors**  
**3737 Lakeport Blvd.**  
**Klamath Falls, Oregon 97601**  
**Telephone: (541) 882-3451**

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Builders Vinyl (V-2500) Tilt Single Hung Windows Three Wide with Picture	R-PG50 109 x 74 - H	± 50 psf

### Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Daylight Opening Size
1	109.00" x 74.00"	Two: 34.00" x 36.81"	Single Hung: 3.31" x 34.69" Fixed: 33.31" x 71.25"

### Product Identification (Certification Agency Label on Window):

System	Certification Agency	AAMA
1	Manufacturer's Name or Code Name	JW-6 or JW-18
	Product Name	Builders Vinyl Flanker TILT SH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

### Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

### Installation (One of the following):

**Nailing Fin:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using the nailing fin of the window with minimum No. 8 screws. Along each side jamb, the fasteners shall be located approximately 4.0", 16.5", 21.5", 33.5", 41.5", 53.5", 58.0", and 70" from the bottom. Along the head and sill, the fasteners shall be located approximately 4.0", 16.0", 18.0", 20.5", 32.0", 41.0", 49.0", 56.5", 61.0", 69.0", 77.0", 88.5", 91.0", and 105.0" from the left end. In addition, along each side jamb, one fastener shall be located

through a 0.375" diameter access hole located approximately 19 inches from the interior face of the mid span. The fasteners shall be long enough to penetrate a minimum of 1 inch into the wall framing members.

**Frame:** The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using the frame of the window with minimum No. 8 screws. Along each side jamb, the fasteners shall be located approximately 4.0", 16.0", 23.0", 32.0", 35.0", 39.0", 51.0", 58.0", and 70" from the bottom. Along the head and sill, the fasteners shall be located approximately 4.0" from each end, at the mid span of each single hung window, at the mid span of the fixed window, and 4" and 8" on either side of the vertical mullions. The fasteners shall be long enough to penetrate a minimum of 1 inch into the wall framing members.

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.